#### **Figure 1A** 1/14

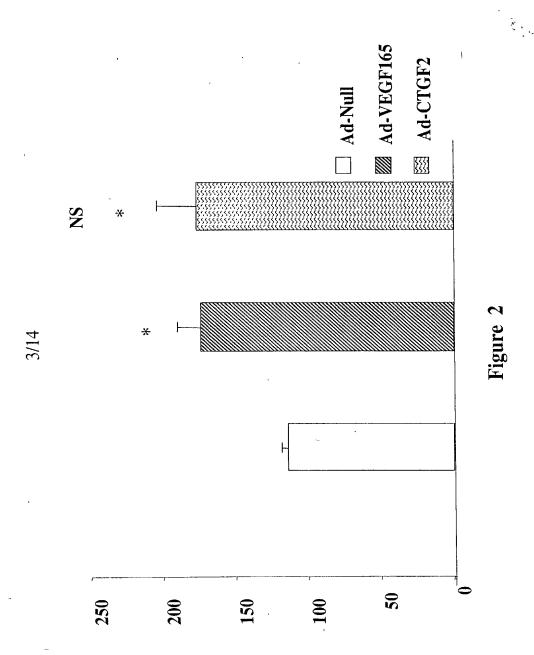


1 1	ATGAGCTCCCGCATCGCCAGGGCGCTCGCCTTAGTCGTCACCCTTCTCCACTTGACCAGG M S S R I A R A L A L V V T L L H L T R	60 20
61 21	CTGGCGCTCTCCACCTGCCCGCTGCCACTGCCCCCTGGAGGCGCCCAAGTGCGCG	120 40
121 41	CCGGGAGTCGGGCTGGTCCGGGACGGCTGCTGCTGTAAGGTCTGCGCCAAGCAGCTC P G V G L V R D G C G C K V C A K Q L	180 60
181 61	AACGAGGACTGCAGCAAAACGCAGCCCTGCGACCACCAAGGGGCTGGAATGCAACTTC N E D C S K T Q P C D H T K G L E C N F	240 80
241 81	GGCGCCAGCTCCACCGCTCTGAAGGGGATCTGCAGAGGCTCAGTCAG	300 100
301 101	GAATATAACTCCAGAATCTACCAAAACGGGGAAAGTTTCCAGCCCAACTGTAAACATCAG E Y N S R I Y Q N G E S F Q P N C K H Q	360 120
361 121	TGCACATGTATTGATGGCGCCGTGGGCTGCATTCCTCTGTGTCCCCAAGAACTATCTCTCCC T C I D G A V G C I P L C P Q E L S L	420 140
421 141	CCCAACTTGGGCTGTCCCAACCCTCGGCTGGTCAAAGTTACCGGGCAGTGCTGCGAGGAG P N L G C P N P R L V K V T G Q C C E E	480 160
481 161	TGGGTCTGTGACGAGGATAGTATCAAGGACCCCATGGAGGACCAGGACGGCCTCCTTGGCWVCDEDSIKDPMEDQDGLLG	540 180
5 <b>4</b> 1 181	AAGGAGCTGGGATTCGATGCCTCCGAGGTGGAGTTGACGAGAAACAATGAATTGATTG	600 200
601 201	GTTGGAAAAGGCAGCTCACTGAAGCGGCTCCCTGTTTTTGGAATGGAGCCTCGCATCCTA V G K G S S L K R L P V F G M E P R I L	660 220
661 221	TACAACCCTTTACAAGGCCAGAAATGTATTGTTCAAACAACTTCATGGTCCCAGTGCTCA Y N P L Q G Q K C I V Q T T S W S Q C S	720 240
721 241	AAGACCTGTGGAACTGGTATCTCCACACGAGTTACCAATGACAACCCTGAGTGCCGCCTT K T C G T G I S T R V T N D N P E C R L	780 260
781 261	GTGAAAGAAACCCGGATTTGTGAGGTGCGGCCTTGTGGACAGCCAGTGTACAGCAGCCTG V K E T R I C E V R P C G Q P V Y S S L	840 280

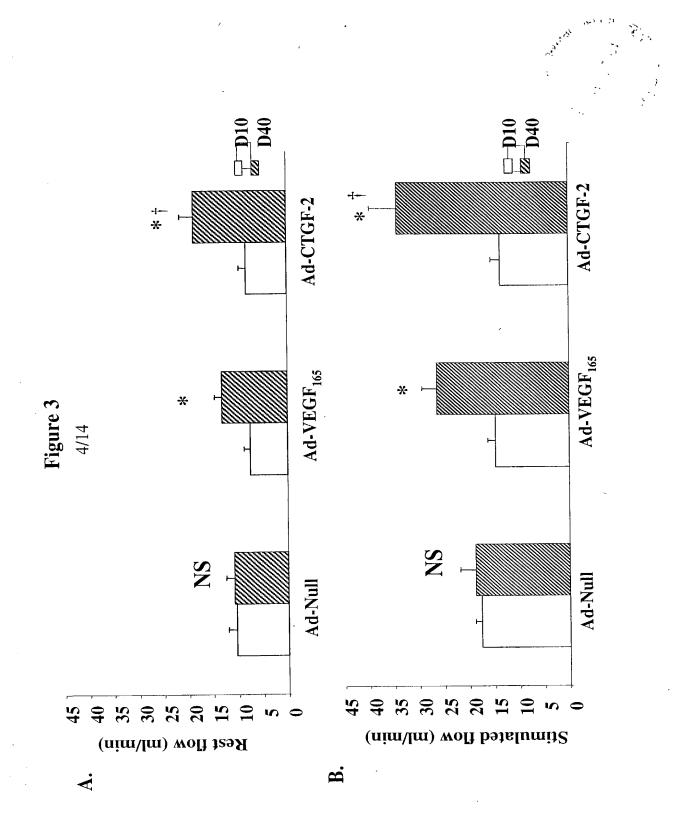


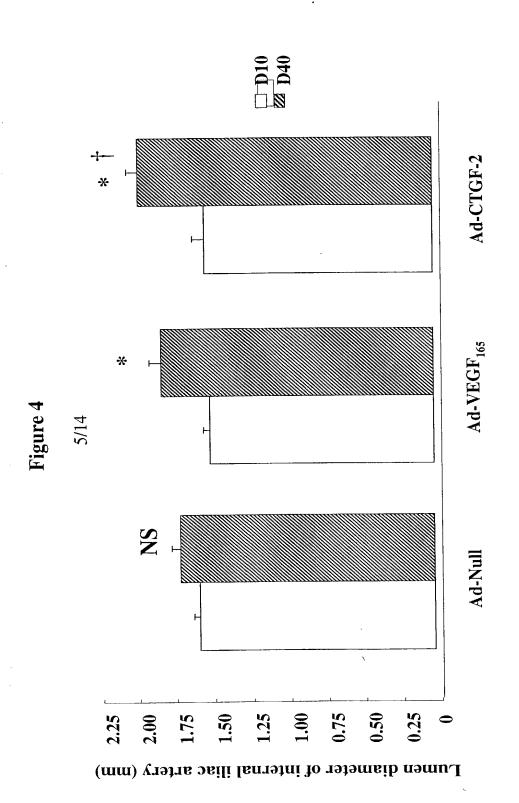
#### Figure 1B 2/14

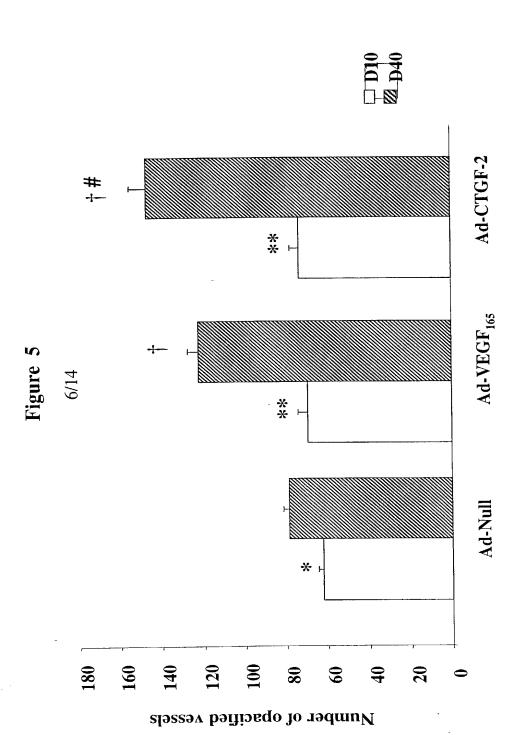
841 281	AAAAAGGGCAAGAAATGCAGCAAGACCAAGAAATCCCCCGAACCAGTCAGGTTTACTTAC	900 300
901	GCTGGATGTTTGAGTGTGAAGAAATACCGGCCCAAGTACTGCGGTTCCTGCGTGGACGGC	960
301	A G C L S V K K Y R P K Y C G S C V D G	320
961	CGATGCTGCACGCCCCAGCTGACCAGGACTGTGAAGATGCGGTTCCGCTGCGAAGATGGG	1020
321	R C C T P Q L T R T V K M R F R C E D G	340
1021	GAGACATTTTCCAAGAACGTCATGATGATCCAGTCCTGCAAATGCAACTACAACTGCCCG	1080
341	E T F S K N V M M I Q S C K C N Y N C P	360
1081	CATGCCAATGAAGCAGCGTTTCCCTTCTACAGGCTGTTCAATGACATTCACAAATTTAGG	1140
361	H A N E A A F P F Y R L F N D I H K F R	380
1141 381	GACTAA 1146 D * 382	



Number of migrated cells







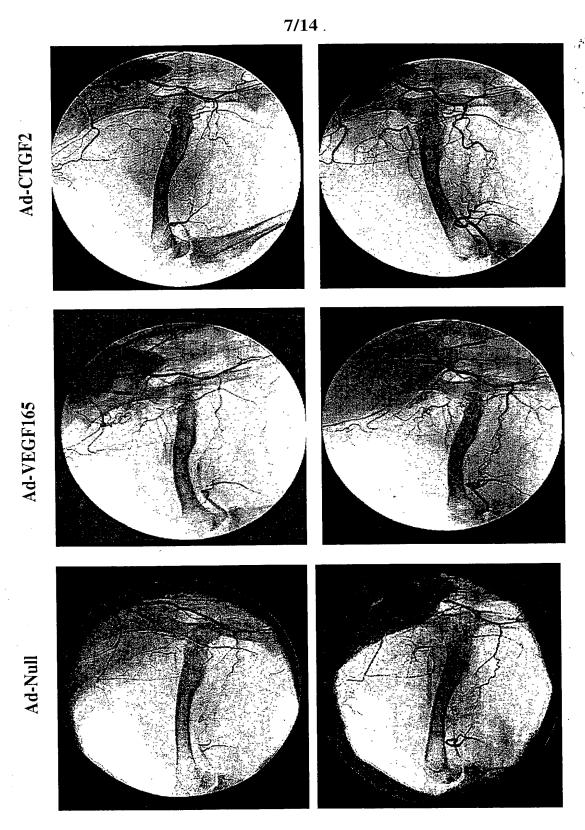
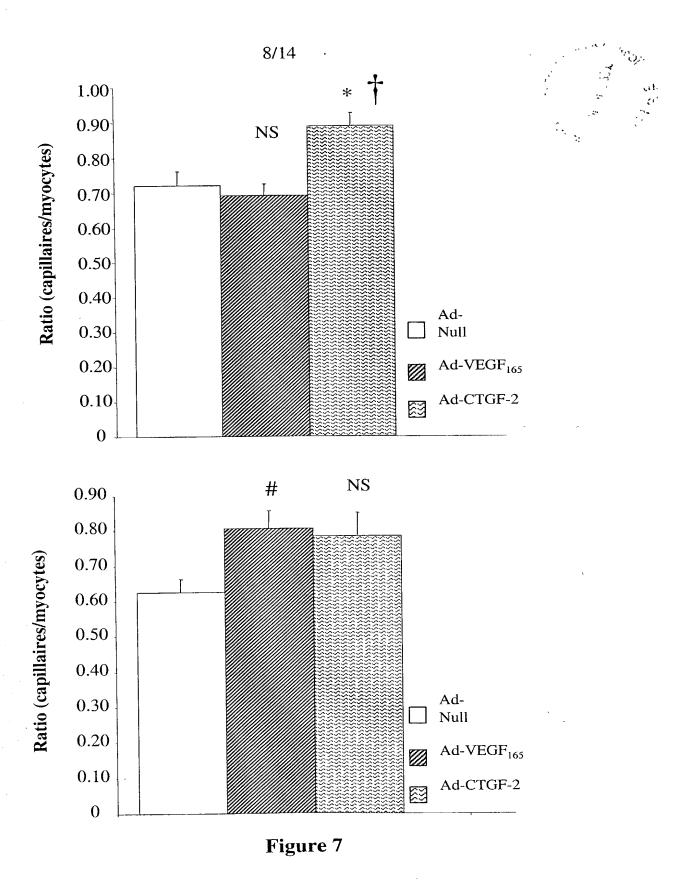


Figure 6





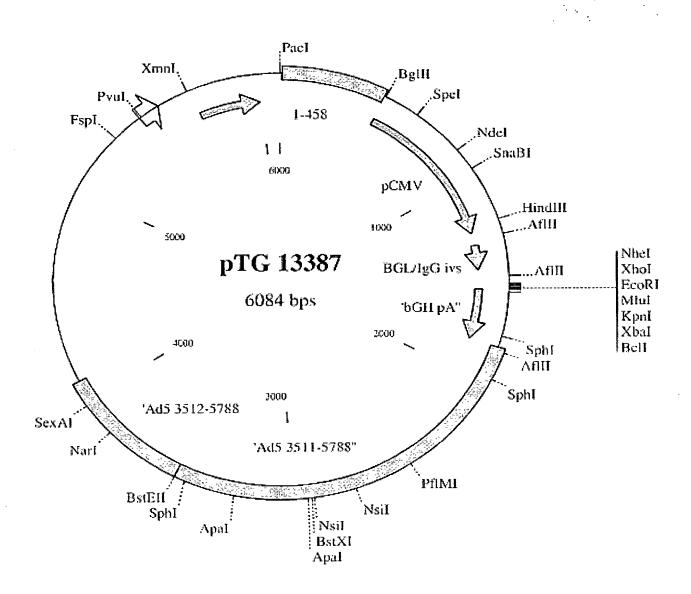


Figure 8



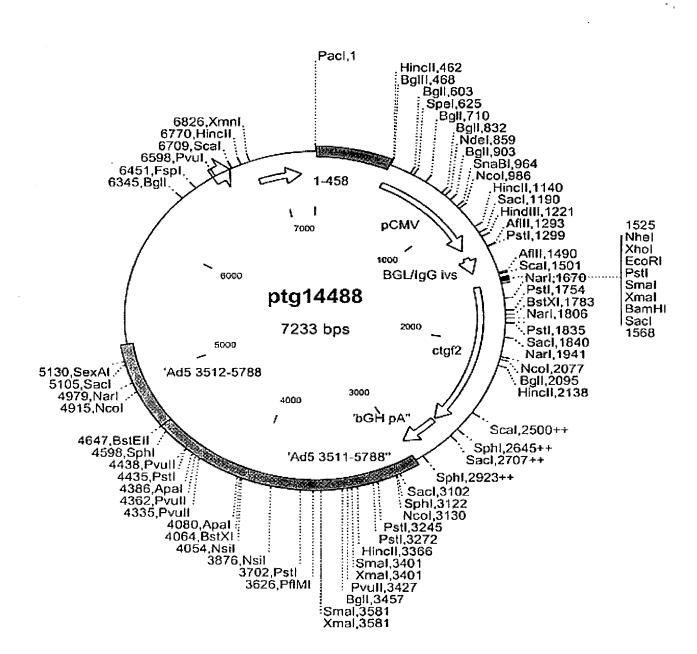
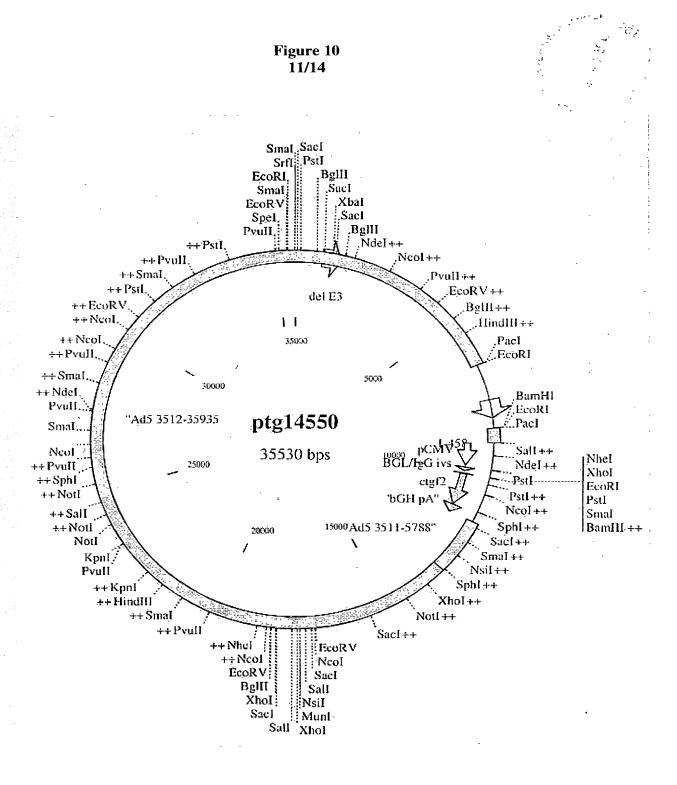


Figure 9



### Figure 11A

ATGAGCTCCCGAATCGTCAGGAGCTCGCCTTAGTCGTCACCTTCTCCACTTGACCAGG

GIGGGGCTCTCCACTGCCCGCTGCAGGGGGCGCCCAAGTGCGCG

CCGGGAGTCGGGCTGGACGGCTGCTGTAAGGTCTGCGCCAAGCAGCTC

AACGAGGACTGCAGAAAAAGGCCTGCAGAGCGAACGAACTTC N E D C R K T Q P C D H T K G L E C N F GGCGCCAGCTCCACCGCTCTGAGGGGATCTGCAGAGCTCAGAGGGGCAGACCCTGT G A S S T A L K G I C R A Q S E G R P C GAATATAACTCCAGAATCTACCAAAACGGGGAAAGTTTCCAGCCCAACTGTAAACATCAG E Y N S R I Y Q N G E S F Q P N C K H Q TGCACATGTATTGGATGGCGCCGGGGGCTTGCATTCCTCTGTGTCCCCAAGAACTATCT C T C I G W R R G A C I P L C P Q E L S



## Figure 11B

CTCCCCAACTTGGGCTGTCCCAACCTGGTCAAAGTTACCGGGCAGTGCTGCGAG

GAGTGGGTCTGTGACGAGATAGTATCAAGGACCCCCATGGAGGACCAGGACGGCCTCCTT E W V C D E D S I K D P M E D Q D G L L GGCAAGGGGCTGGATTCGATGCTCCGAGGTGGAGTTGACGAGAAACAATGAATTGATT G K G L G F D A S E V E L T R N N E L I GCAGTTGGAAAAGGCAGCTCACTGAGTGGAATGGAGCCTCGCATC A V G K G S S L K R L P V F G M E P R I CTATACAACCCTITACAAGGCCAGAAATGTATTGTTCAAAACAACTTCATGGTCCCAGTGC

TCAAAGACCTGTGGAACTGGTATCCCAACCAATGACAACCCTGAGTGCCGC S K T C G T G I S T R V T N D N P E C R CTTGTGAAAGAAACCCGGATTTGTGAGGGGGCGTTGTGGACAGCAGTGTACAGCAGC LVKETRICEVRPCGQCTTTGTGAAAAGTGTACAGCAGC



# Figure 11C 14/14

CTGAAAAAGGGCAAGAAATGCAGCAAGAAATCCCCGAACCAGTTTACT L K K G K K C S K T K K S P E P V R F T TACGCTGGATGTTTGAGTGTGAAATACCGGCCCAAGTACTGCGGTTCCTGCGTGGAC Y A G C L S V K K Y R P K Y C G S C V D GGCCGATGCTGCACCAGCACAGGACTGTGAAGATGCGGTTCCCCTGCGAAGAT G R C C T P Q L T R T V K M R F P C E D . GGGGAGACATTTTCCAAGAACGTCATGATGCAGTCCTCCAAATGCAACTACAACTGC G E T F S K N V M M I Q S S K C N Y N C

CCGCATGCCAATGAAGCAGCGTTTCCCTTCTACAGGCTGTTCCAATGA